

## Supply Chain Management (ECTS 4)

### COURSE OUTLINE

#### (1) GENERAL

<b>SCHOOL</b>	MARITIME AND INDUSTRIAL STUDIES		
<b>ACADEMIC UNIT</b>	MARITIME STUDIES		
<b>LEVEL OF STUDIES</b>	POSTGRADUATE		
<b>COURSE CODE</b>	<b>MNAEF010</b>	<b>SEMESTER</b>	A
<b>COURSE TITLE</b>	SUPPLY CHAIN MANAGEMENT		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Lectures		3	4
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	GENERAL BACKGROUND		
<b>PREREQUISITE COURSES:</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	GREEK		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.unipi.gr/courses/NAS189/">https://eclass.unipi.gr/courses/NAS189/</a>		

#### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b></p> <p><i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p>Consult Appendix A</p> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>
<p><b>Upon the successful completion of the course the students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Address supply chain management issues taking into account general principles of administration and human resource management, environmental impacts, quality management, as well as technological and financial aspects</li> <li>• Understand, analyze, and communicate the important issues related to the field of supply chain management, but also assess their complexity</li> <li>• Describe the important functions and activities of the global supply chains</li> <li>• Analyze the differentiation between logistics and supply chain management</li> <li>• Describe alternative ways of organizing and managing supply chains</li> <li>• Describe different methods of inventory management</li> <li>• Explain how technological advancements are evolving logistics management</li> <li>• Compare different freight modes and related policies</li> <li>• Describe the different security measures for international logistics</li> <li>• Describe the documentation and terms of sale for international shipments</li> <li>• Demonstrate business and work ethics</li> <li>• Acquire abilities to solve critical business issues</li> </ul>
<b>General Competences</b>

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology  
Adapting to new situations  
Decision-making  
Working independently  
Team work  
Working in an international environment  
Working in an interdisciplinary environment  
Production of new research ideas

Project planning and management  
Respect for difference and multiculturalism  
Respect for the natural environment  
Showing social, professional and ethical responsibility and sensitivity to gender issues  
Criticism and self-criticism  
Production of free, creative and inductive thinking  
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Others...

- Decision-making
- Working independently
- Team work
- Working in an international environment
- Working in an interdisciplinary environment
- Production of new research ideas
- Respect for difference and multiculturalism
- Production of free, creative and inductive thinking

### (3) SYLLABUS

The course introduces the basic concepts and tools used in modern Supply Chain Management. It covers issues related to supply chains such as the scheduling, planning, and operational needs of transportation systems as well as the coordination of means in intermodal and multimodal supply chains. Particular emphasis is placed on the strategic role of Supply Chain Management as well as on optimizing the level of service to the customers.

Introduction to Supply Chain Management  
The Global Supply Chain  
Logistics Infrastructures  
Incoterms  
Import-Export and Transport Documentation  
Cargo Insurance in Freight Transport  
The Role of Proper Packaging in Freight Transport  
Risk Management in Freight Transport

### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face-to-face, Distance learning	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	E-class, MS Teams	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i>  <i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	<b>Activity</b>	<b>Semester workload</b>
	Lectures	21 hours
	Non-guided study	99 hours
	<b>Course total</b>	<b>120 hours</b>

<b>STUDENT PERFORMANCE EVALUATION</b>	
<p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<ol style="list-style-type: none"> <li>1. Written final examination (60%) in Greek that includes multiple choice and short-answer questions</li> <li>2. Individual or team written projects (40%)</li> </ol>

## **(5) ATTACHED BIBLIOGRAPHY**

<p><i>- Suggested bibliography:</i> Pierre A. David, International Logistics: The Management of International Trade Operations</p> <p><i>- Related academic journals:</i></p> <ul style="list-style-type: none"> <li>○ International Journal of Physical Distribution and Logistics Management</li> <li>○ Journal of Purchasing &amp; Supply Management</li> <li>○ Economics of Transportation</li> </ul>
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